

Work Order ID 57484

April 7, 2010 11:04:35 AM



Page 1

Item ID: K591-113

Accept



Setup Start



Revision ID:

Item Name: Short Step Instln Kit

Stop



Start Date: 07/04/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 16/04/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date: 10-4-07

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D350-591

Rev F

Pick kit

10-4-20 (40) S P10-7

100

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

10/04/19 @CHG004

24

110

Identify as per dwg & Stock Location: *PPA*

0.00



Packaging

Memo

57483

0.00

Packaging

white label (4) CHG004

Rec'd by [Signature]

for BG 10/04/19

120

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/04/20 [Signature]

MF 10-4-20

Dart Aerospace Ltd

W/O: 57484		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
10/04/15	# 1001	perm. change ADD step to P.E. Kit + Fix Routin numbers ADD copy of new Bom for ref reference to w/o					5 10/06/15	
	110	ADD CHG # TO SEQUENCE FOR 591-113						

Part No: K591-113 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 57484

Parent Item: K591-113

Parent Item Name: Short Step Instln Kit

Comments: IPP: C 04.11.09 Reformat KJ/JLM

Start Date: 07/04/2010

Required Date: 16/04/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN3-37A x2



Bolt

Purchased

No

100

Each

741.0000

8.0000



10-4-19 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST353

741

105425

241

111668

500

8

AN4-20A x4



Bolt

Purchased

No

100

Each

744.0000

16.0000



10-4-19 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST359

744

104016

702

16895

42

16

AN4-22A x1



Bolt

Purchased

No

100

Each

182.0000

4.0000



10-4-19 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST359

182

111965

182

4

AN960JD10



Washer

Purchased

No

100

Each

0.0000

16.0000



M114292 10-4-19 SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 57484

Parent Item: K591-113

Parent Item Name: Short Step Instln Kit

Comments: IPP : C 04.11.09 Reformat KJ/JLM

Start Date: 07/04/2010

Required Date: 16/04/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416 Washer	AS1149004631	Purchased	No			100	Each	0.0000	24.0000			
D2171 Clamp		Manufactured	No			100	Each	108.0000	8.0000			

M113706 10-4-19 SP

10-4-19 SP

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST456	108	
41535	101	
42093	7	

D2182B Rubber Cushion	22 @ 3.50"	Manufactured	No			100	f	403.2500	2.3332			
--------------------------	------------	--------------	----	--	--	-----	---	----------	--------	--	--	--

10-4-19 SP (40)

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST402A	12	
30872	12	
Main Warehouse		
ST410	391.25	
52649	391.25	

8x Piece


P10 →

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Shop Packet Print

Page 2

Dart Aerospace Ltd

W/O: 57484		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/4/15		perm. Assy ADD length on qty to x w/o.		10.04.20			S. 10/6/15

Part No: K591-113 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 57484

Parent Item: K591-113

Parent Item Name: Short Step Instln Kit

Comments: IPP : C 04.11.09 Reformat KJ/JLM

Start Date: 07/04/2010

Required Date: 16/04/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2274		Manufactured	No			100	Each	193.0000	16.0000			
-------	--	--------------	----	--	--	-----	------	----------	---------	--	--	--

Radius Block

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST010

193

55602
56686

76
117

Manufactured No

100

Each

7.0000

4.0000

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST470

6

50090

6

Main Warehouse

ST478

1

41655

1

10-4-19
B57354

16
10-4-19
40

D2362-3
Support Bracket

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Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 57484

Parent Item: K591-113

Parent Item Name: Short Step Instln Kit

Comments: IPP: C 04.11.09 Reformat KJ/JLM

Start Date: 07/04/2010

Required Date: 16/04/2010

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2856-400 Abraison Strip	x1	Manufactured	No			100	f	236.7600	2.4000			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST403

236.76

52563

20.76

56626

216

MS21042L3

Purchased

No

100

Each

1,355.000

8.0000

Nut

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST300

1355

113537

371

113644

984

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Shop Packet Print

Page 4

W/O: 57484		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/4/19	*	Perm. change ADD Qty + length to w/o	<i>[Signature]</i>	10.04.20			S. 10/04/19

Part No: K591-113 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Start Date: 07/04/2010

Required Date: 16/04/2010

Comments: IPP : C04.11.09 Reformat KJ/JLM

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4		Purchased	No			120	Each	1,590.000	20.0000			



Nut

16-4-19 (40) SD

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST139	2	
111827	2	
Main Warehouse		
ST300	1588	
113422	580	
114108	1000	
9063	8	

4
1.5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5. PARTS LIST

Qty -111A	Qty -113	Qty -115	Qty -117A	Qty -119	Qty -133	Part Number	Description
X						D350-591-111A	Heli-Access-Step ™, Long Step – High Skid
	X					D350-591-113	Heli-Access-Step ™, Short Step – High Skid
		X				D350-591-115	Heli-Access-Step ™, Short Step – Low Skid
			X			D350-591-117A	Heli-Access-Step ™, Pre-Flight Step
				X		D350-591-119	Heli-Access-Step ™, Long Step – Low Skid
					X	D350-591-133	Heli-Access-Step ™, Aft Maintenance Step
	1					D2310	STEP ASSEMBLY (HIGH-SHORT)
1						D2311	STEP ASSEMBLY (HIGH-LONG)
		1				D2354	STEP ASSEMBLY (LOW-SHORT)
				1		D2355	STEP ASSEMBLY (LOW-LONG)
					1	D2946-041	STEP ASSEMBLY (MAINTENANCE)
4	2	2	2	2		D2171	CLAMP
4	2	2	2	2		D2182B035	CUSHION
					4	D2230-1	MOUNTING LUG
					4	D2230-3	MOUNTING LUG
8	4	4	4	4		D2274	RADIUS BLOCK
			1			D2362-041	SUPPORT BRACKET
2	1			1		D2362-3	SUPPORT BRACKET
		1				D2362-5	SUPPORT BRACKET
2	1	1	1	1	2	D2856-400-720	ABRASION STRIP
					1	D2945	MOUNTING PLATE
2	2	2		2		AN3-37A	BOLT
					2	AN4-7A	BOLT
					4	AN4-11A	BOLT
					8	AN4-14A	BOLT
		4				AN4-16A	BOLT
8	4			4		AN4-20A	BOLT
1	1	1	4	1		AN4-22A	BOLT
4	4	4	4	4		AN960JD10	WASHER
10	6	2	4	6	14	AN960JD416	WASHER
		4				AN960JD416L	WASHER
2	2	2		2		MS21042L3	NUT
9	5	5	4	5	14	MS21042L4	NUT

Qty -121	Qty -122	Qty -123	Qty -124	Part Number	Description
X				D350-591-121	Heli-Access-Step ™, Short Step – High Skid, LH
	X			D350-591-122	Heli-Access-Step ™, Short Step – High Skid, RH
		X		D350-591-123	Heli-Access-Step ™, Short Step – Low Skid, LH
			X	D350-591-124	Heli-Access-Step ™, Short Step – Low Skid, RH
1				D2351-041	STEP ASSEMBLY (HIGH-SHORT, LH)
	1			D2351-042	STEP ASSEMBLY (HIGH-SHORT, RH)
		1		D2356-041	STEP ASSEMBLY (LOW-SHORT, LH)
			1	D2356-042	STEP ASSEMBLY (LOW-SHORT, RH)
1	1	1	1	D2230-1	MOUNTING LUG
1	1	1	1	D2230-3	MOUNTING LUG
1	1	1	1	D2856-400-720	ABRASION STRIP
2	2	2	2	AN3-37A	BOLT
3	3	3	3	AN4-13A	BOLT
4	4	4	4	AN960JD10	WASHER
6	6	6	6	AN960JD416	WASHER
2	2	2	2	MS21042L3	NUT
3	3	3	3	MS21042L4	NUT

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Revision: G
Date: 08.10.06

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries